11, Appl 6379, Ap 23, Appl 27, Appl 27, Appl

Sequence Sequence Sequence Sequence Sequence

Sequence 1 Sequence 2 Sequence 6 Sequence 6

Seguence

394, App 394, App 3, Appli 4, Appli 3, Appli 9736, Ap 22, Appl 22, Appl 22, Appl 77, Appl 611, Appl 611, Appl

Sequence Sequence Sequence

Sequence Sequence Sequence Sequence Sequence Sequence Sequence

2143, Ap 21, Appl 20, Appl 24, Appl

Sequence

AND MUSCLE

ı

OM protein

Run on:

Sequence: Title: Perfect :

```
Sequence 6915, Appl
Sequence 61, Appl
Sequence 61, Appl
Sequence 79, Appl
Sequence 79, Appl
Sequence 2143, Appl
Sequence 2143, Appl
Sequence 21, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 1

US-09-866-108A-5916/C

US-09-866-108A-5916/C

Sequence 516, Application US/09866108A

Patent No. 666618

APPLICANT: GUY Yillong

APPLICANT: HANZEL David K.

APPLICANT: HANZEL, David K.

APPLICANT: GHEN, Wensheng

APPLICANT: GHEN, Wensheng

APPLICANT: GHEN, Wensheng

APPLICANT: GHEN, WOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND M.

ITILE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND M.

FILE REFERENCE: AZOMICA-7

CURRENT FILING DATE: 2001-05-25

PRIOR PELING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2001-01-04

PRIOR PELING DATE: 2001-01-04

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30
US-09-866-108A-10818

US-08-664-886A-11

US-08-61-10818

US-08-801-756-11

US-08-801-756-11

US-08-931-877-11

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-115-599-6

US-09-127-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-27-4

US-09-128-45-11

US-09-118-45-27-214-11

US-09-118-45-27-214-11

US-09-118-45-27-214-11

US-08-118-45-27-214-11
                                                                                                                                                                                                                                                                                                                                                                                                                          ALIGNMENTS
   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5916, Ap
Sequence 5917, Ap
Sequence 5918, Ap
Sequence 10809, A
Sequence 10810, A
Sequence 10811, A
Sequence 10811, A
Sequence 10811, A
Sequence 10813, A
Sequence 10814, A
Sequence 10818, A
Sequence 10818, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  to have a
being printed,
                                                                                                (without alignments)
49.549 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to h
score greater than or equal to the score of the result bein
and is derived by analysis of the total score distribution.
                                                                                    ; Search time 56 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Issued_Patents_NA:*
11. /Ggn2_6/prodata2/lina/5A_COMB.seq:*
12. /Ggn2_6/prodata2/lina/5B_COMB.seq:*
31. /Ggn2_6/prodata3/lina/6A_COMB.seq:*
41. /Ggn2_6/prodata3/lina/6B_COMB.seq:*
42. /Ggn2_6/prodata3/lina/PCTUS_COMB.seq:*
61. /Ggn2_6/prodata3/lina/PCTUS_COMB.seq:*
62. /Ggn2_6/prodata3/lina/PCTUS_COMB.seq:*
              GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                             nucleic search, using frame_plus_p2n model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-866-108A-5916
US-09-866-108A-5917
US-09-866-108A-10808
US-09-866-108A-10809
US-09-866-108A-10810
US-09-866-108A-10811
US-09-866-108A-10811
US-09-866-108A-10811
US-09-866-108A-10813
US-09-866-108A-10813
US-09-866-108A-10813
US-09-866-108A-10815
US-09-866-108A-10815
                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                       682709 segs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SUMMARIES
                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                            0.5
7.0
7.0
                                                                                   8, 2004, 01:41:53
                                                                                                                                                                                           Xgapop 10.0 , Xgapext
Ygapop 10.0 , Ygapext
Fgapop 6.0 , Fgapext
Delop 6.0 , Delext
                                                                                                                             US-09-674-436E-1
25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length
                                                                                                                                                                                                                                                                                                    length: 0
                                                                                                                                                        DILRG 5
                                                                                                                                                                                  BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            June
                                                                                                                                                                                                                                                                                                      Minimum DB seq
Maximum DB seq
                                                                                                                                               score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score
```

Database :

1264597890112 0 0 0 0 0 0 0 0 0 0 0 0

```
RESULT 4
US-09-866-108A-10808/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
                                                                                                                                                                                    ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 2

US-09-866-108A-5917/C

US-09-866-108A-5917/C

Sequence 5917, Application US/09866108A

Sequence 5917, Application US/09866108A

Sequence 5917, Application US/09866108A

Sequence 5917, Application US/09866108A

APPLICANT: G1, Yindong

APPLICANT: G1, Yindong

APPLICANT: G1, Yonggang

APPLICANT: BANKE, David R.

APPLICANT: RANGE, David R.

APPLICANT: RANGE, David R.

APPLICANT: RANGE, David R.

APPLICANT: APPLICANT: MARK

TILING DATE: 2001-05-25

FRIOR APPLICANTON NUMBER: US 60/207,456

FRIOR APPLICANTON NUMBER: US 60/236,359

FRIOR APPLICANTON NUMBER: DC7/US01/00666

FRIOR PLING DATE: 2001-00-32

FRIOR PLING DATE: 2001-01-30

FRIOR FLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR FLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR FLING DATE: 2001-01-30

FRIOR PLING DATE: 2001-01-30

FRIOR PRING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No: 6686188
SEQ ID NO 5917
LENGTH: 17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17
                                                                                                                                                                                                                                                                              Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-674-436E-1 (1-5) x US-09-866-108A-5916 (1-17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length:
Matches:
                               Q ID NOS: 15755
omica Sequence Listing Engine
                                                                                                                                                                                                                                                                                    45.1
23.00
100.00%
80.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17 GACCTGCTGAGAGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          45.1
                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                 Percent Similarity:
Best Local Similarity:
                                                       SOFTWARE: Acomica
Patent No. 6686188
SEQ ID NO 5916
                                                                                                                                                                                                         US-09-866-108A-5916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-866-108A-5917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Alignment Scores:
Pred. No.:
Score:
                                                                                                                                                                                                                                                         Alignment Scores:
                                                                                                                                  LENGIH: 17
                                                                                                                                                                                                                                                                                                                                                                   Query Match:
DB:
                                                                                                                                                                                                                                                                                    Pred. No.:
```

```
WESULUT 3

Sequence 518 Application US/09866108A

Patent No. 668618B Application US/09866108A

Patent No. 668618B

Patent No. 668618B

Sequence 518 Application

APPLICANT 101, Yonggang

APPLICANT PENN, Sharron G

APPLICANT ENN, Sharron G

APPLICANT CHEN, Mensheng

APPLICANT SHANNON, Mark

APPLICANT SHANNON, Mark

APPLICANT SHANNON, Mark

APPLICANT SHANNON, Mark

APPLICANT SHANNON MARK

APPLICANT GENERAL ABONICA-7

FILE OF INVENTION WINGER: US/09/866,108A

CURRENT PALLIKG DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR APPLICATION NUMBER: US 60/2036,599

PRIOR PLING DATE: 2000-00-6-26

PRIOR PLING DATE: 2000-00-6-26

PRIOR PLING DATE: 2000-00-6-26

PRIOR PLING DATE: 2000-00-6-26

PRIOR PLING DATE: 2001-01-00

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              741000
         4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative:
Mismatches:
Indels:
   Conservative:
Mismatches:
Indels:
Gaps:
                                                                                                                                                US-09-674-436E-1 (1-5) x US-09-866-108A-5917 (1-17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-674-436E-1 (1-5) x US-09-866-108A-5918 (1-17)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        45.1
23.00
100.00%
80.00%
92.00%
100.00%
80.00%
92.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ŋ
                                                                                                                                                                                                                                   1 AspileLeuArgGly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
   Percent Similarity:
Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-866-108A-5918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Alignment Scores:
Pred. No.:
                                                                Query Match:
```

```
Wesull's

US-09-866-108A-10810/c

Sequence 10810, Application US/09866108A

Sequence 10810, Application US/09866108A

Sequence 10810, Application US/09866108A

Sequence 10810, Application US/09866108A

SERVERATION: 66666188

APPLICANT: GI, Yonggang

APPLICANT: HANZEL, David R.

APPLICANT: HANZEL, David R.

APPLICANT: ERANK, David R.

APPLICANT: GRANK, David R.

SETOR REPERENCE: ACOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        - See File Wrapper or PALM.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           27
4
1
0
0
0
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-674-436E-1 (1-5) x US-09-866-108A-10809 (1-25)
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        24 GACCTGCTGAGAGGG 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       68.8
23.00
100.00%
80.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-10809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Alignment Scores:
Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         à
                                                                        GEMERAL INCREMATION:
APPLICANT: W. SEGENSE
APPLICANT: U. Yanggang
APPLICANT: U. Yanggang
APPLICANT: BENN, Sharron G.
APPLICANT: BENN, Sharron G.
APPLICANT: HANSEL, David R.
APPLICANT: HANSEL, David R.
APPLICANT: HANSEL, David R.
APPLICANT: GIAN, Wansheng
APPLICANT: GIAN, Wansheng
APPLICANT: GIAN, Wansheng
APPLICANT: GIAN, WASHENGER
APPLICANTION: MUNGER: US/09/866,108A
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT APPLICANTION: MUNGER: US/09/866,108A
CURRENT APPLICANTION NUMBER: US/02/36,359
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GHOSPICATION US/09866108A
Sequence 10809, Application US/09866108A
Sequence 10809, Application US/09866108A
Sequence 10809, Application US/09866108A
SEPLICANT: GHOSPICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: PANK, David K.
APPLICANT: GHANK, Wensheng
APPLICANT: SIRNNON, Mark
TITLE OF INVENTION: MOSCIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   244000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-674-436E-1 (1-5) x US-09-866-108A-10808 (1-25)
               Sequence 10808, Application US/09866108A
Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25 GACCTGCTGAGAGGG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.00%
80.00%
92.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
COGANISM: Homo sapiens
US-09-866-108A-10808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Alignment Scores:
Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ò
```

```
TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-10811
                                                                                                                                                                                                                                                    Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PREMERAL INFORMATION:
APPLICANT: 01, Yinggang
APPLICANT: 01, Yinggang
APPLICANT: 01, Yinggang
APPLICANT: 01, Yinggang
APPLICANT: ERNN Sharron G.
APPLICANT: BENN Sharron G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: SHANKON MARK
ITILE OF INVENTION: WYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEMORGA-
CURRENT FILING DATE: 2001-05-26
PRIOR FILING DATE: 2001-05-26
PRIOR FILING DATE: 2001-05-26
PRIOR FILING DATE: 2001-05-26
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00667
PRIOR PELICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PELICA APPLICATION NUMBER: PCT/US01/00665
PRIOR PELICA APPLICATION NUMBER: PCT/US01/00666
PRIOR PELICATION NUMBER: PCT/US01/00663
PRIOR PULICATION NUMBER: PCT/US01/00663
PRIOR PULICATION NUMBER: PCT/US01/00663
PRIOR PULICATION PULICATION PULICATION PULICATION PULICATION PULICATION PULICATION PULIC
PRIOR APPLICATION NUMBER: PCT/USO1/UOD02)
PRIOR TELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PILING DATE: 2001-01-30
PRIOR PILING BATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2241000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-674-436E-1 (1-5) x US-09-866-108A-10810 (1-25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-866-108A-10811/c
; Sequence 10811, Application US/09866108A
; Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                68.8
23.00
100.00%
80.00%
92.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          23 GACCTGCTGAGAGGG 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-10810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Alignment Scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No.:
```

à

```
US-09-866-108A-10815/c

i Sequence 10815, Application US/09866108A

i Sequence 10815, Application US/09866108A

i Sequence 10815, Application US/09866108A

i GENERAL INFORMATION:

i APPLICANT: UI, Yongang

i APPLICANT: HANZEL, David R.

APPLICANT: HANZEL, David R.

APPLICANT: CHEN, Wark

i APPLICANT: CHEN, Wark

i TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

i TITLE OF INVENTION: MYOSIN-LIKE GENE CURRENT PELING DATE: 2001-05-25

i PRIOR PEPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2000-05-25

i PRIOR FILING DATE: 2000-05-65

i PRIOR FILING DATE: 2000-05-65

i PRIOR PRILING DATE: 2000-05-65

i PRIOR PRILING DATE: 2000-05-65

i PRIOR PRILING DATE: 2000-10-04
                          APPLICANT: FENN, David R.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, Mark
TITE OF INVENTION: MYCSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ADOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00663
PRIOR PRILING DATE: 2001-01-30
PRIOR PRIOR PRILING DATE: 2001-01-30
PRIOR PRINCE PRILING DATE: 2001-01-30
PRIOR PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-674-436E-1 (1-5) x US-09-866-108A-10814 (1-25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68.8
23.00
100.00%
80.00%
PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo
US-09-866-108A-108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Alignment Scores:
                                                                                                                                                                                                                                                                                                                                                             PARENERAL INFORMATION:
APPLICANT: 01, Yizhong
APPLICANT: BENN, SHATFON G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: GHANNON, MARK
TITLE OF INVENTYON: MONOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT APPLICATION NUMBER: US/05/20,456
RRIOR PILING DATE: 2000-05-26
RRIOR FILING DATE: 2000-05-27
RRIOR APPLICATION NUMBER: PCT/USO1/00666
RRIOR FILING DATE: 2001-01-30
RRIOR RILING DATE: 2001-01-30
RRIOR RILING DATE: 2001-01-30
RRIOR APPLICATION NUMBER: PCT/USO1/00669
RRIOR RILING DATE: 2001-01-30
RRIOR APPLICATION NUMBER: PCT/USO1/00669
RRIOR RILING DATE: 2001-01-30
RRIOR APPLICATION NUMBER: PCT/USO1/00669
RRIOR APPLICATION NUMBER: PCT/USO1/00669
RRIOR RILING DATE: 2001-01-30
RRIOR RILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  244000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-674-436E-1 (1-5) x US-09-866-108A-10813 (1-25)
                   US-09-674-436E-1 (1-5) x US-09-866-108A-10812 (1-25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-008-866-10814, Application US/09866108A
) Sequence 10814, Application US/09866108A
) Patent No. 6686188
) GENERAL INFORMATION:
) APPLICANT: GU, Yizhong
) APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                  US-09-866-108A-10813/c
: Sequence 10813, Application US/09866108A
: Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  68.8
23.00
100.00%
80.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 GACCTGCTGAGAGGG 6
                                                                                                                                        21 GACCTGCTGAGAGGG 7
                                                                                               1 AspileLeuArgGly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10813
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Alignment Scores:
Pred. No.:
```

2 4 4 0 0 0

```
Tue Jun 8 14:45:27 2004
```

18-08-0/4-4808-T.III

```
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
PRIOR 10816
                                                                                                     244000
                                                                                                     Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                        US-09-674-436E-1 (1-5) x US-09-866-108A-10816 (1-25)
                                                                                                                                         Gaps:
                                                                                                                                                                      1 AspileLeuArgGly 5
                                                                                                     68.8
23.00
100.00%
80.00%
92.00%
                                                                                                                                                                               17 GACCTGCTGAGAGGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-10817
                                                                  TYPE: DNA
CRGANISM: Homo sapiens
US-09-866-108A-10816
                                                                                                                   Percent Similarity:
Best Local Similarity:
                                                                                               Alignment Scores:
Pred. No.:
                                                                                                                                 Query Match:
DB:
                                                                                                               Score:
                                                                                                                                                                       ઠ
```

```
RESULT 14

US-09-866-108A-10818/C

Sequence 10818, Application US/09866108A

Patent No. 668618

APPLICANT: GI, Yazhong

APPLICANT: GIN, Yazhong

APPLICANT: GIN, Walk

APPLICANT: GIN, Walk

APPLICANT: GIN, Walk

TITLE OF INVENTION WAREN: US/09/866,108A

CURRENT FILTE DATE APPLICATION WAREN: US/09/866,108A

CURRENT FILTE OPT TO SOUCH APPLICANT ON WAREN: US/09/866,108A

CURRENT FILTE OPT TO SOUCH APPLICANT ON WAREN: US/09/866,108A

CURRENT FILTE OPT TO SOUCH APPLICANT ON WAREN: US/09/866,108A

CURRENT FILTE OPT TO SOUCH APPLICANT ON WAREN: US/00-05-26

PRIOR FLILT ON THE SOUCH APPLICANT ON WAREN: US/00-06-26

PRIOR FLILT OF THE SOUCH APPLICANT ON WAREN: US/00-06-26

PRIOR FLILT ON WAREN: 2000-09-27

PRIOR FLILT ON WAREN: 2001-09-04

PRIOR PLILL CATION WAREN: POT/US01/0066

PRIOR FLILT ON WAREN: POT/US01/0066

PRIOR PLILL CATION WAREN: POT/US01/0066

PRIOR PLILL CATION WAREN: POT/US01/0066

PRIOR PLILL CATION WAREN: POT/US01/0066

PRIOR PLILL ON DAYE: 2001-01-30

PRIOR PLILL ON 100108

PRIOR PLILL ON DAYE: 2001-01-30

PRIOR PLILL ON 100108

PRIOR PLANCE PRIOR PLILL ON DAYE STOUT DAYENT DAYENT DAYENT DAYENT DAYENT DAYENT 
                               244000
                        Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                        US-09-674-436E-1 (1-5) x US-09-866-108A-10817 (1-25)
                                                                                           100.00%
80.00%
92.00%
                                                                                                                                                                                                                                                                                                                           1 AspileLeuArgGly 5
                                                                                                                                                                                                                                                                                                                                                                 16 GACCTGCTGAGAGGG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10818
                                                                         Percent Similarity:
Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Alignment Scores:
Pred. No.:
Alignment Scores:
Pred. No.:
```

RESULT 15
US-08-664-856A-11/C
US-08-664-856A-11/C
Sequence 11, Application US/08664856A
Patent No. 5663071
Fatent No. 5663071
FARENCE INFORMATION:
PAPLICANT:
BRUCE R. ZETTER AND LERE BAO
FILTLE OF INVENTION: HUMAN THYMOSTN 15 GENE;
ITITLE OF INVENTION: HUMAN THYMOSTN 15 GENE;
ITITLE OF INVENTION: HUMAN THYMOSTN 15 GENE;
CORRESPONDENCE ADDRESS:
ADDRESSED: DIKK, BRONSTEIN, ROBERTS & CUSHMAN STREET
CONTINE: MA
COMPUTER: HAM COMPATION:
STATE: MA
COMPUTER: ENA COMPATION:
MEDIUM TYPE: DISK MARENCE STREET
COMPUTER: LIM COMPATION:
STATE: APPLICATION DATA:
APPLICATION NUMBER: US/08/664,056A
FILING DATE: 17 JUN 1996
CLASSIFICATION NUMBER: 44.235
FILING DATE: TOWNUMBER: 44.235
FILING DATE: MADDRESSED: GATO
FELENCY ADDRESSED: GATO
FELENCY ADDRESSED: GATO
TELESTAL CONTINUMBER: 45.00
FELENCY ADDRESSED: GATO
TELESTAL CONTINUMBER: GATO 244000 8 Length:
Matches:
Conservative:
Mismatches:
Gaps: US-09-674-436E-1 (1-5) x US-08-664-856A-11 (1-26) 71.8 23.00 100.00% 80.00% 92.00% 1 AspileLeuArgGly 5 Percent Similarity: Best Local Similarity: Query Match: Alignment Scores: Pred. No.: US-08-664-856A-11 ò

Search completed: June 8, 2004, 02:37:12 Job time : 57 secs

Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:

68.8 23.00 100.00% 80.00% 92.00%

Score: Percent Similarity: Best Local Similarity: Query Match:

US-09-674-436E-1 (1-5) x US-09-866-108A-10818 (1-25)

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

June 8, 2004, 01:39:13; Search time 15.555 Seconds (without alignments) 16.594 Million cell updates/sec Title: Perfect score: Sequence: Run on:

US-09-674-436E-1 25 1 DILRG 5

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

103740 Total number of hits satisfying chosen parameters:

389414 seqs, 51625971 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

1: /cgm2_6/ptcdata/2/jaa/5A_COWB.pep:*
2: /cgm2_6/ptcdata/2/jaa/5B_COWB.pep:*
3: /cgm2_6/ptcdata/2/jaa/6A_COWB.pep:*
4: /cgm2_6/ptcdata/2/jaa/6B_COWB.pep:*
5: /cgm2_6/ptcdata/2/jaa/pcTUS_COWB.pep:*
6: /cgm2_6/ptcdata/2/jaa/pcTUS_COWB.pep:* Issued_Patents_AA:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 33, Appl	Sequence 34, Appl	~	Sequence 35, Appl	7	18, 7	315,	21, 7	21,	36,	23,	32,	20,	m m	'n	324	Sequence 4, Appli	m	124	124,	124,	9, Ag	4	75,	Sequence 75, Appl	4,	75,
ID	US-09-043-877-33	US-09-043-877-34	US-09-360-545-28	US-09-043-877-35	US-08-213-124-27	US-08-482-651-18	US-08-159-339A-315	099-80	-09-160-5	09-043-	-08-591-	US-08-591-502B-32	-09-719-	-08-416-	US-08-469-830-3	-08-159-3	-60-	US-08-591-502B-3	-08-637-7	-08-871-35	US-09-201-945-124	-60-	US-08-526-710-4	US-08-459-568-75	US-08-399-411-75	-08-	US-08-516-859A-75
DB	4	4	4	41	-	0	ო	ო	4	4	4	4,	4	- 1	7	m	4	4	0	m	4	4	-	NI -	~	m	m
Length	9	7	œ	σ.	0	σ	σ	σ	σ,	σ	9	σ	σ	10	10	10	10	10	7	7	7	7	00	80	٣	œ	æ
% Query Match Length DB	76.0	76.0	76.0	76.0	76.0	0.94	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
Score	19	19	19	19	19	19	19	19	19	19	19	19	19	19	13	19	19	19	18	18	18	18	18	18	18	18	18
Result No.		8	m	41	Ŋ	9	7	ω	Q	10	11	12	13	14	15	16	1.7	18	19	20	21		23		25	26	27

Sequence 4, Appli Sequence 75, Appli Sequence 75, Appli Sequence 104, Appli Sequence 25, Appli Sequence 21, Appli Sequence 21, Appli Sequence 21, Appli Sequence 5, Appli Sequence 6, Appli
US-09-226-985-4 US-09-227-906-4 US-09-227-906-4 US-09-528-472-75 US-09-528-706-75 US-09-528-706-72 US-09-724-56A-101 US-09-724-56A-101 US-09-724-56A-101 US-09-739-762A-48 US-09-139-762A-87 US-09-803-951-6 US-09-803-951-6
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
799999999999999999999999999999999999999
7722.00 7722.00 7722.00 7722.00 7722.00 888.00 688.00
00000000000000000000000000000000000000

ALIGNMENTS

RESULT 1 US-00-043-R77-33 i Sequence 33, Application US/09043877 j Patent No. 645534 GENERAL INFORMATION: j APPLICANT: Rent, Stephen B.H. j APPLICANT: Dawson, Philip E. APPLICANT: Dixcon, Philip E. APPLICANT: Pitzgerald, Michael C. TITLE REPERENCE: GENO039S CURRENT FILING DATE: 1998-06-19 PRIOR PILING DATE: 1998-06-19 PRIOR PILING DATE: 1996-09-29 PRIOR PILING DATE: 1995-09-29 PRIOR PILING DATE: 1995-09-29 NUMBER OF SEQ ID NOS: 37 SOFTWARE: Patentin Ver. 2.1 SOFTWARE: PATENT OR CONSTRUCT OR CONSTRUCT OR CONSTRUCT ORGANISM: Mus musculus US-09-043-877-33 QUETY MARCH Dest Local Similarity 100.0%; Pred. No. 38+05; Matches 4; Conservative 0; Indels 0;		Gabs	i i
pplication US/09043877 5314 ATTON: ATTON: uir, Stephen B.H. uir, Tom W. uir, Dayler Conservative DATE: 1996-09-27 DATE: 1996-09-29 DATE: 1996-09-29 CATION UNDRER: 60/004,563 CATION UNDRER: 60/004,563 DATE: 1996-09-29 CATION UNDRER: 60/004,563 DATE:		0	,
pplication 5314 ATION: Stephe uir, Stephe uir, Tom W awson, Phi Ltgg-nd, Town WITON: PRG DATE: 1996 DATE: 1996 [I D NOS: 3 entin Ver. ausculus ausculus Conservat Conservat		Length 6; 0; Indels))
	RESULT 1 US-09-043-877-33 i Sequence 33, Application US/09043877 i Patent No. 6495314 i GENERAL INFORMATION: i APPLICANT: Kent, Stephen B.H. APPLICANT: Muir, Tom W. APPLICANT: Fitzgerald, Michael C. ITILE OF INVENTION: PROTEIN SIGNATURE ANALYSIS ITILE OF INVENTION: PROTEIN SIGNATURE ANALYSIS CURRENT FILING DATE: 1998-06-19 PRIOR PILING DATE: 1998-09-27 PRIOR APPLICATION NUMBER: PCT/US96/15516 PRIOR APPLICATION NUMBER: 60/004, 563 PRIOR PELING DATE: 1995-09-29 NUMBER OF SEQ ID NOS: 37 SOFTWARE: Patentin Ver: 2.1 SEQ ID NO 33 LENGTH: 6 ITYPE: PRT ORGANISM: Mus musculus US-09-043-877-33	76.0%; Score 19; DB 4; Similarity 100.0%; Pred. No. 3e+05; 4: Conservative 0: Mismatches	

3 DILR DILR ઠ g

ö

RESULT 2
US-09-043-877-34

Sequence 34, Application US/09043877

Patent No. 6495314

GARBEAL INFORMATION:
APPLICANT: Mulr, Tom W.
APPLICANT: Mulr, Tom W.
APPLICANT: Flatzgerald, Michael C.
TITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS
PILE REFERENCE: GRY00398

CURRENT APPLICATION NUMBER: US/09/043,877

CURRENT FILING DATE: 1998-06-19

PRIOR APPLICATION NUMBER: PCT/US96/15516

PRIOR APPLICATION NUMBER: PCT/US96/15516

PRIOR APPLICATION NUMBER: 60/004,563

```
2 ILRG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 ILRG 4
                                                                                                                                                                                                                                                                                                                                                 1 DILR 4
                                                                                                                                                                                                                                                                                                                                                                                 DILR 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-213-124-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          임
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠે
                                                                                                                                                                                                                                                                                                                                                 à
                                                                                                                                                                                                                                                                                                                                                                                    셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: conserved OTHER INFORMATION: amino acid motif on which the sequence of primer G OTHER INFORMATION: was based wherein Kaa at position 6 represents Phe or Leu FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 28, Application US/09160545

Sequence 28, Application US/09160545

Patent No. 6429014

GENERAL INNOFAMION:

APPLICANT: Croteau, Rodney B

APPLICANT: Steele, Christopher L

APPLICANT: Phillips, Michael A

TITLE OF INVENTION: MONOTERPENE SYNTHASES FROM GRAND FIR (ABIES GRANDIS)

FILE REPERENCE: wasun13885

CURRENT PHILIDS AND FREE 1999-07-26

CURRENT FILING DATE: 1999-07-26

EARLIER APPLICATION NUMBER: 60/052,249

EARLIER FILING DATE: 1999-07-10

EARLIER FILING DATE: 1998-07-10

NUMBER OF SEQ ID NOS: 107

SEQ ID NOS: 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                             .;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: SITE
COCATION: (1)..(8)
OTHER INFORMATION: conserved amino acid sequence on which the cother INFORMATION: sequence of primer G was based
US-09-360-545-28
                                                                                                                                                                    ; DB 4; Le...
10. 3e+05;
0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         76.0%; Score 19; DB 4; Length 8; 40.0%; Pred. No. 3e+05; tive 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 35, Application US/09043877
Patent No. 6495314
GENERAL INFORMATION:
APPLICANT: Kent, Stephen B.H.
APPLICANT: Muir, Tom W.
APPLICANT: Pawson, Philip E.
APPLICANT: Pitzgerald, Michael C.
ITLE OF INVENTION: PROTEIN SIGNATURE ANALYSIS
FILE REFERENCE: GRY00398
CURRENT APPLICATION NUMBER: US/09/043,877
                                                                                                                                                                               Query Match 76.0%; Score 19; DB Best Local Similarity 100.0%; Pred. No. 3e+Matches 4; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
PRIOR FILING DATE: 1995-09-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity 40.0
2; Conservative
                                                                                                    ; TYPE: PRT
; ORGANISM: Mus musculus
US-09-043-877-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |:::|
1 DVIKG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DILRG 5
                                                                                                                                                                                                                                                                    1 DILR 4
                                                                                                                                                                                                                                                                                              3 DILR 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 4
US-09-043-877-35
                                                                                                                                                                                                                                                                                                                                                                         RESULT 3
US-09-360-545-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   qq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠ
                                                                                                                                                                                                                                                                                                           a
                                                                                                                                                                                                                                                                        ò
```

```
ö
                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                       Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
0
                                                                                                                                                                                                                                                                                                                                                                                    o;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-13-124-27

US-08-13-124-27

Sequence 27, Application US/08213124

Sequence 27, Application US/08213124

Sequence 27, Application US/08213124

Sequence 27, Application US/08213124

Patent No. 5693325

TITLE OF INVENTION: PEPTIDE VACCINES AND METHODS RELATING
TITLE OF INVENTION: THERTO
NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY

STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              76.0%; Score 19; DB 1; Length 9; 100.0%; Pred. No. 3e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                              Query Match

76.0%; Score 19; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Parentin Release #1.0, Version #1.30
SOFFWARE: Parentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/213,124
FILING DATE: 15-MAR-1994
CLASSIFICATION: WAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hermanns, Karl R.
REGISTRATION NUMBER: 670063.411
TELEPHONE: (206) 682-601
TELEFHONE: (206) 682-601
TELEFRATION FORMATION:
TELEPHONE: (206) 682-601
TELEFRATION POR SEQ ID NO: 27:
SEGURACE CRRAACTERISTICS:
LENGTH: 9 amino acids
CURRENT FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: PCT/US96/15516
PRIOR FILING DATE: 1996-02
PRIOR FILING DATE: 1995-09-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 35
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 4; Conservative
                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Mus musculus
US-09-043-877-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ropotogy: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
STATE: Washingt
COUNTRY: USA
```

```
GENERAL INFORMATION:

APPLICANT: Victoria, Edward J.
APPLICANT: Victoria, David M.
APPLICANT: Victoria, David M.
APPLICANT: Vance, David S.
APPLICANT: Yu, Lin
TITLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR APL ANTIBODY-MEDIATED
TITLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR APL ANTIBODY-MEDIATED
TITLE OF INVENTION: PATHOLOGIES
TITLE OF INVENTION: DAVIO
STATE: CAPACITION OF FOREY
CONFITCE TO ALTO
STATE: CAPACITION OF THE FLOORY OF THE PATHOLOGIES
COMPUTER: PATHOLOGIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 76.0%; Score 19; DB 3; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Competible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/159,339A
FILING DATE: 29-NOV-1993
CLASSIPTCATION DATA:
APPLICATION NUMBER: US 07/926,666
FILING DATE: 07-AQC-1992
APPLICATION NUMBER: US 08/027,746
FILING DATE: 05-MAR-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-MAR-1993
APPLICATION NUMBER: 32,762
REGISTRATION NUMBER: 32,762
RESERBNCE/DOCKET NUMBER: 32,762
TELERAX: (415) 576-0200
TELERAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 21, Application US/08660092
Patent No. 6207160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
STRANDEDNESS: single
POPOLOGY: linear
MOLECULE TYPE: peptide
US-08-159-339A-315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 ILRG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-660-092-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
                   US-08-482-651-18

Sequence 18, Application US/08482651

Sequence 18, Application US/08482651

Patent No. 5874409

MARCHICANT: Victoria, Edward J.

APPLICANT: Victoria, ap. IMMUNOREACTIVE PEPTIDES, CONJUGATES

TITLE OF INVENTION: PATHOLOGIES

TITLE OF INVENTION: PATHOLOGIES

NUMBER OF SEQUENCES: 62

CORRESPONDENCE ADDRESS:

ADDRESSE: MORRISON & FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
76.0%; Score 19; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 315, Application US/08159339A
Patent No. 6037135
GENERAL INFORMATION:
APPLICANT: Wide, Ralph T.
APPLICANT: Grey, Howard M.
APPLICANT: Celis, Esteban
ITLE OF INVENTION: HiA Binding peptides and Their
ITLE OF INVENTION: USes
NUMBER OF SEQUENCES: 1254
CORRESPONDENCE ADDRESS:
ADDRESSE: Twomsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER REALDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: BM PC compatible
COMPUTER: STATEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.30
SOFTWARE: PACENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/482,651
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PRAFK, Freddie K.
REGISTRATION NUMBER: 25531-20061.00
TELEFPHONE: (415) 813-560
TELEFPHONE: CHARACTERISTICS:
LENGTH: 9 maino acids
MANDER: PACENTINE NUMBER: DATE TELEFHONE: MANDER: DATE TELEFHONE: UBMOTHE: DATE TELEFHONE: MANDER: DATE TELEFHONE: MANDER: DATE TELEFHONE: MANDER: DATE TELEFHONE: MANDER: DATE TELEFHONE: DATE TE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LIBRARY: xyz (details pg. 16)
; CLONE: 3E11
US-08-482-651-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: CA
COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -08-159-339A-315
```

ó

```
Gaps
                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chisari, Francis V.
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T
Lymphocyte Responses to Hepatitis B Virus
                          ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:

ADDRESSES:
ADDRESSES:
ADDRESSES:
CITY: San Francisco
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      76.0%; Score 19; DB 4; Length 9; 100.0%; Pred. No. 3e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                Patent No. 6495314
Fatent Stephen B.H.
FAPLICANT: Muir, Tom W.
FAPLICANT: Dawson, Philip E.
FAPLICANT: Fitzgerald, Michael C.
FILE REFERENCE: GRY00398
FRICH RELING DATE: 1998-06-19
FRICH APPLICATION NUMBER: 60/004,563
FRICH RELING DATE: 1995-09-29
FRICH RELING DATE: 1995-09-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PATENT IN Ver. 2.1
FENDING 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 20-May-1996
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/749,540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 26-AUG-1991
APPLICATION NUMBER: US 07/935,898
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: US 08/100,870
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 23, Application US/08591502B
Patent No. 6607727
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
CORGANISM: Mus musculus
US-09-043-877-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                          4 ILRG 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DILR 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 bilk 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 11
US-08-591-502B-23
                                                                                                                                                                                RESULT 10
US-09-043-877-36
                                                                      ò
                                                                                                            ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wictoria, Edward J.
APPLICANT: Marquis, David M.
APPLICANT: Jones, David M.
APPLICANT: Yu, Lin
TITLE OF INVENTION: aPL IMMUNOREACTIVE PEPTIDES, CONJUGATES THEREOF AND METHODS ON THE OF INVENTION: APL IMMUNOREACTIVE PEPTIDES, CONJUGATES THEREOF AND METHODS ON THE OF INVENTION & FORESTER ADDRESSE:
ADDRESSEE: MORRISON & FORESTER STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                         Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 4; Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

WEDIUM TYPE: Floppy disk

COMPUTER: IBM PC COMPALIDIE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/160,513

FILING DATE: 1998-DEC-24

CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                         Score 19; DB 3;
Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                    Query Match

Pest Local Similarity 100.0%; Pred. No. 3e-
Matches 4; Conservative 0; Mismatches
                             25231-20061.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      76.0%; Score 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 21, Application US/09160513
Patent No. 6410775
                                                                                                                                                                                                      TYPE: amino acid
STRAMPEDESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
ILBRARY: XYZ (details pg. 16)
CLONE: 3E11
US-08-660-092-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: CATHERINE W. POLIZZI
REGISTRATION NUMBER: 40.130
REFERENCE/DOCKET NUMBER: 2523
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
TELEPHONE: (650) 494-0792
                   REFERENCE/DOCKET NUMBER: 2522
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INPORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
    REGISTRATION NUMBER: 35,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (650) 494-0792
TELEX: 706141
INPORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LIBRARY: xy
CLONE: 3E11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-160-513-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
```

```
GENERAL NO. 002741

GENERAL NO. 002741

APPLICANT: National Institutes of Health
TITLE OF INVENTION: B2 Microglobulin Fusion Proteins and High Affinity
TITLE OF INVENTION: Variants
TITLE OF INVENTION: Variants
FILE REPERENCE: 52590
CURRENT APPLICATION NUMBER: US/09/719,243
CURRENT FILING DATE: 2001-05-21
PRIOR FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 20
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: influenza NP 1971BR INFORMATION: 265-273
US-09-719-243-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0
                                                                                                                                                                                   ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 76.0%; Score 19; DB 4; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                   Query Match 76.0%; Score 19; DB 4; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels
                                                  MOLECULE TYPE: period

MOLECULE TYPE: period

MOLECULE TYPE: 12.00 ID NO: 32:

US-08-591-502B-32
                                                                                                                                                                                                                                                                                                                                              US-09-719-243-20
; Sequence 20, Application US/09719243
; Patent No. 6682741
                 STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
TYPE: amino acid
                                                                                                                                                                                                                        Ŋ
                                                                                                                                                                                                                                                               2 ILRG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 ILRG 5
                                                                                                                                                                                                                          2 ILRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 14
US-08-416-950-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 g
                                                                                                                                                                                                                            ઠે
                                                                                                                                                                                                                                                               셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 32, Application US/08591502B
Sequence 32, Application US/08591502B
Patent NO. 6607727
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Chisari, Francis V.
IITLE OF INVENTION: Peptides for Inducing Cytotoxic T
Lymphocyte Responses to Hepatitis B Virus
NUMBER OF SEQUENCES: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPES FIOPRY

COMPUTER: INPR
MEDIUM TYPES FIOPRY

MEDIUM TYPES FIOPRY

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/591,502B

FILING DATE: 20-May-1996

FILING DATE: 20-May-1996

PILING DATE: 26-AUG-1991

APPLICATION NUMBER: US 07/749,540

FILING DATE: 26-AUG-1992

APPLICATION NUMBER: US 07/749,540

FILING DATE: 26-AUG-1992

APPLICATION NUMBER: US 07/99,640

FILING DATE: 26-AUG-1993

APPLICATION NUMBER: US 08/100,870

FILING DATE: 02-AUG-1993

APPLICATION NUMBER: WO PCT/US94/08685

FILING DATE: 01-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Weber: 511en Lauver

REFERENCE/DOCKET NUMBER: 32,762

REFERENCE/DOCKET NUMBER: 014740-000230US

TELECOMMUNICATION NUMBER: 01476-000230US
                                                                                                                                                                                                                                                                                                                                                                                       Score 19; DB 4; Length >,
Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California COUNTRY: USA
          APPLICATION NUMBER: WO PCT/US94/08685
FILING DATE: 01-AUG-1994
ATTORNEY AGBNT INPORMATION:
NAME: Weber, Bllen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 014740-000230US
TELECOMMUNICATION INPORMATION:
TELEFRONEY (415) 576-0300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERESFICS:
LENGTH: 9 amino acids
                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-08-591-5028-23
FILING DATE: 02-AUG-1993
                                                                                                                                                                                                                                                                                                                                                                                                             Query Match

Best Local Similarity 100.0%; Pr
Matches 4; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (415) 576-(
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 ILRG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 ILRG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 12
US-08-591-502B-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      g
```

```
PRIOR APPLICATION DATA

PRIOR APPLICATION NUMBER: US

PRINCIPATION NUMBER: US 07/35,898

PRINCIPATION NUMBER: US 07/35,898

PRINCIPATION NUMBER: US 07/49,540

PRESENCE CHARACTERISTICS

PROPERIOR OF USE SECTION US 04/39

PROPERIOR DESCRIPTION US 04/39

PROPERIOR DESCRIPTION US 04/39

PROPERIOR NUMBER: US 04/39

PROPERIOR APPLICATION NUMBER: US 04/39,540

PROPERIOR NUMBER: US 05/10/39

PROPERIOR NUMBER: US 05/10/39,540

PROPERIOR NUMB
```

```
| TELEFAX: (415) 543-5043
| INFORMATION FOR SEQ ID NO: 3:
| SEQUENCE CHARACTERISTICS:
| INFORMATION CASE:
| INFORMATION CASE:
| INFORMATION CASE:
| TYPE: amino acids
```

```
8 14:45:41 ZUU4
Tue Jun
```

ロクサーザーロールコーのご

June 8, 2004, 01:39:13; Search time 12.4444 Seconds (without alignments) 16.594 Million cell updates/sec GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd. OM protein - protein search, using sw model Run on:

US-09-674-436E-2 19

Title: Perfect score:

1 ILRG 4 Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

103740 Total number of hits satisfying chosen parameters:

389414 segs, 51625971 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 10

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 27, Appl	18,	Sequence 315, App	e 21,	e 21,	e 23,	e 32,	ñ	w Ri	m	ě	m	Sequence 4, Appli	4,	4	4,	'n	4	4	7	4	ä	Sequence 12, Appl	m	295,	Sequence 39, Appl	S,
ă	. 0,	٠,	0,1	0,	Ψ,	V ₂	Ψ,	٠,	٠,	U 2	0 2	٠,	٠,	٠,	٠,	٠,	٠,	٠.	-,								
QI	US-08-213-124-27	-08-482-	-08-159	-08-660-092-	US-09-160-513-21	B-2	US-08-591-502B-32	-09-719-	-08-416-	-08-469-	-80-	-08-591-	US-08-526-710-4		-09-226-	US-09-227-906-4	-08-125-	-08-405-93	US-08-925-002-46	-09-314-268-1	US-09-910-552-46	US-08-066-325-150	-08-853-62	US-08-159-339A-316	US-08-159-339A-295	US-08-461-611-39	US-08-901-344-5
DB	1.	23	س	<u>س</u>	4.	4.	4	4.	7	7	<u>س</u>	4	8	w w	ж Ж	4			w	4.	4.	7	6	9	м С	4	ω.
Length		01	0,	Ο,	0,	Ο,	Ο,	٠.	H	ř	'n	ĭ	~		~	_	ĭ		_	_	~	•		•	Ä	•	•
Query Match	00.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.0	0.0	4.7	4.7	4.7	4.7	4.7	6	ο.	ر ان	σ,	4.	4	4.	4	6.8	
S S	100	10	10	10	10	10	6	10	70	20	10	10	on	o,	თ	מ	σ	œ	œ	œ	80	۵	œ	۵	۵	7	7
Score	19	6	19	19	19	19	19	61	19	19	19	19	18	18	18	18	18	17	17	17	17	16	16	16	16	15	15
Result No.		~	m	4	ŧn	φ	7	00	on	10	11	12	13	14	15	91	17	18	19						25		27

Sequence 55, Appl Sequence 55, Appl Sequence 55, Appl Sequence 77, Appl	14, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	equence 101, equence 102, equence 101, equence 102, equence 2, Ap	Sequence 36, Appl Sequence 35, Appl Patent No. 5496721 Sequence 17, Appl
4 3 US-09-357-952-55 4 4 US-09-521-650-55 4 4 US-09-168-888-55 4 4 US-09-082-3588-77	H W W W 4	-09-521-6 -09-521-6 -09-168-8 -09-168-8	
28 15 78.9 29 15 78.9 30 15 78.9 31 15 78.9	52	15 78 15 78 15 78 15 78 15 78	2 15 7 3 15 7 4 15 7 5 15 7

ALIGNMENTS

US-US-113-124-2/
Sequence 27, Application US/08213124
Fatent No. 5693325
GENERAL INFORMATION:
FALL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
THERETO
NUMBER OF SEQUENCES:
ADDRESSEE: SEED and BERRY
STREET: 6300 COlumbia Center, 701 Fifth Avenue
CITY: Seattle
STRATE: Washington
COUNTRY: Gattle
CITY: Seattle
STRATE: Mashington
COUNTRY: IMP OF Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Plopyd disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELABBLE FORM:
MEDIUM TYPE: Flopyd disk
COMPUTER: BATENTIN RELABBLE
SOFTWARE: PATENTIN RELABBLE
FILING BATE: 15-MAR-1994
CLASSIFICATION NUMBER: US/08/213,124
FILING DATE: 15-MAR-1994
CLASSIFICATION NUMBER: 33,507
REFERENCE/DOCKET NUMBER: 33,507
TELEPHONE: (206) 682-6031
TELEPRAX: (206) 682-6031
TELEPRAX: (206) 682-6031
TELEPRAX: (206) 082-6031
TELEPRAX: (206) 082-6031
TELEPRAX: (206) 082-6031
TELEPRAX: GLOD NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TWENTER AND ACID ACID TYPE: amino acid ; STRANDEDNESS: ; TOPOLOGY: linear US-08-213-124-27 RESULT 1 US-08-213-124-27

ö Query Match

100.0%; Score 19; DB 1; Length 9;

Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 4; Conservative 0; Mismatches 0; Indels

ö

Gaps

1 ILRG 4 à g

1 ILRG 4

```
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-159-339A-315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-660-092-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8
BESULT 2

US-08-482-651-18

US-08-482-651-18

Sequence 18, Application US/08482651

Sequence 18, Paphication US/08482651

Sequence 18, Paphication

RESTREAL INFORMATION:

APPLICANT: Victoria, Edward J.

APPLICANT: APPLICATION DATA: APPLICANTON APPLICANTON: APPLICANTON APPLICANTON APPLICANTON NUMBER: 35,636

APPLICANT: APPLICANTON UNMBER: 35,636

REGERENCE PARK (15) 813-560

TELECOMMUNICATION INFORMATION:

RECEDENCE APPLICANTON NUMBER: 35,636

RECEDENCE APPLICANTON NUMBER: 35,636

RECEDENCE CHARACTERISTICANTON NUMBER: 35,636

RECEDENCE CHARACTERISTICATION NUMBER: 36,636

RECEDENCE CHARACTERISTICATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 19; DB 2; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-159-339A-315
1S-08-159-339A-315
1S-08-159-339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    xyz (details pg. 16)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: line
IMMEDIATE SOURCE:
LIBRARY: xyz (CLONE: 3E11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-482-651-18
```

```
WESTERN RANALE PROMY;

WESTERN PARTICULOUS DATA;

CORPATAR PARTICULOUS DATA;

CORPATAR PARTICULOUS DATA;

PROD SPELICATION NUMBER: US 07.406.159.338A

PROD SPELICATION NUMBER: US 07.406.159.338A

PROD SPELICATION NUMBER: US 07.406.139.36

PRILING DATE: 07.406.139.396

PRILING DATE: 07.406.1396

PRILING DATE: 07.406.13
```

```
ö
                                                                                                                                                                                                                                                                 Sequence 23, Application US/08591502B
Patent No. 6607727
GENERAL INFORMATION:
APPLICANT: Chisari, Francis V.
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T
Lymphocyte Responses to Hepatitis B Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
0
                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTY: Call Defined

CONDUTER: Call J 384

COMPUTER: READABLE FORM:
MEDIUU TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
CONFUNTER: PATENTIN PC-DOS/NS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,502B
FILING DATE: 20-May-1996
CLASSIFICATION: CURNOWN>
PRIOR APPLICATION CANDON PATENTING DATE: 26-AUG-1991
APPLICATION NUMBER: US 07/749,540
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: US 08/100,870
FILING DATE: 02-AUG-1993
APPLICATION NUMBER: US 08/100,870
FILING DATE: 02-AUG-1993
APPLICATION NUMBER: WO PCT/US94/08685
FILING DATE: 01-AUG-1993
APPLICATION NUMBER: WO PCT/US94/08685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               h Similarity 100.0%; Score 19; DB 4; Length 9; Similarity 100.0%; Pred. No. 38+05; 4; Conservative 0; Mismatches 0; Indels
100.0%; Score 19; DB 4; Length 9; larity 100.0%; Pred. No. 3e+05; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 014740-000230US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
NOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-08-591-5028-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 32, Application US/08591502B Patent No. 6607727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 4; Conserve
  Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                             4 ILRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-591-502B-32
                                                                                                                                                                                                                        RESULT 6
US-08-591-502B-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8
                                                                                                                                             g
                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 21, Application US/09160513
Sequence 21, Application US/09160513
Sequence 21, Application US/09160513
GENERAL INFORMATION:
APPLICANT: Wictoria, Edward J.
APPLICANT: Marquis, David M.
APPLICANT: Jones, David S.
APPLICANT: Yu, Lin
TITLE OF INVENTION: apL INMUNOREACTIVE PEPTIDES, CONJUGATES THEREOF AND METHODS O
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORESTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 19; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/160,513

FILING DATE: 1998-DEC-24

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: CATHERINE M. POLIZZI

REGISTRATION NUMBER: 25231-20061.01

TELEROMONICATION INFORMATION:

TELEROMONICATION INFORMATION:

TELERAM: (650) 494-0792

TELERAM: (650) 494-0792

TELERA: 706141

INFORMATION FOR SEQ ID NO: 21: SEQUENCE CHARACTERISTICS:

LENGTH: 9 amino acids

LENGTH: 9 amino acids
                                                      25231-20061.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE PORM:
MEDIUM TYPE: FlOppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
NAME: Park, Freddie K.

REGISTRATION NUMBER: 35,636
REFERENCE/DOCKET NUMBER: 25231-2
TELECOMUNICATION INPORMATION:
TELEFAX: (415) 494-0792
TELEFAX: (415) 494-0792
TELEFX: 706141
INPORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
IMMEDIATE SOURCE:
LINEARY: xyz (details pg. 16)
US-08-660-092-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LIBRARY: xyz
; CLONE: 3E11
US-09-160-513-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-160-513-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 5
```

ò

ò 엄 GENERAL INFORMATION:
APPLICANT: Chisari, Francis V.
TITLE OF INVENTION: Peptides for Inducing Cytotoxic T
Lymphocyte Responses to Hepatitis B Virus COUNTY: Call Collina
COUNTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC Compatible
COMPUTER: Date: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/591,502B
FILING DATE: 20-May-1996
CLASSIFICATION: CUNHOWN>
PRIOR APPLICATION NUMBER: US 07/749,540
FILING DATE: 26-AUG-1991
APPLICATION NUMBER: US 07/935,898
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: US 08/100,870
FILING DATE: 02-AUG-1992
APPLICATION NUMBER: US 08/100,870
FILING DATE: 02-AUG-1993
APPLICATION NUMBER: US 08/100,870
FILING DATE: 02-AUG-1993
APPLICATION NUMBER: WO PCT/US94/08685 NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSES: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 014740-000230US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS: TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-08-591-502B-32 TYPE: amino acid STRANDEDNESS: single

. Query Match 100.0%; Score 19; DB 4; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels

RESULT 8
US-09-719-243-20
Squence 20, Application US/09719243
Patent No. 6682741
GENERAL INFORMATION:
APPLICANT: National Institutes of Health
TILE OF INVENTION: Variants
TILE REPRENCE: 52590
CURRENT APPLICATION NUMBER: US/09/719,243
CURRENT APPLICATION NUMBER: 60/088,813
PRIOR PRILCATION NUMBER: 60/088,813
PRIOR PLILAGION NUMBER: 60/088,813
SRO PLILE DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 20
SEQ ID NOS: 20
SEQ ID NOS: 20
LENGTH: 9

Gaps) OTHER INFORMATION: Description of Artificial Sequence: influenza NP; OTHER INFORMATION: 265-273 US-09-719-243-20 . 0 Query Match 100.0%; Score 19; DB 4; Length 9; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 4; Conservative 0; Mismatches 0; Indels ORGANISM: Artificial Sequence FEATURE: 1 ILRG 4

· 0

WESULY 18 WESULY 18 WESULY 19 WESULY

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US
FILING DATE: APPLICATION NUMBER: US
FILING DATE: 26-AUG-1922

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/749,540

FILING DATE: 26-AUG-1931

ATTORNEY AGENT INFORMATION:

RAGISTRATION NUMBER: 14740-2-2

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMAT

LENGTH: 10 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear

MOLECULE TYPE: peptide US-08-416-950-3

ó Query Match
Best Local Similarity 100.0%; Pred. No. 60;
Matches 4; Conservative 0; Mismatches 0; Indels

; 0

1 ILRG

g ઠે

```
Sequence 3, Application US/08591502B
Patent No. 6607727
GENERAL INFORMATION:
APPLICANT: Chisari, Francis V.
TITLE OF INVENTION:
Lymphocyte Responses to Hepatitis B Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:

Lymphocyte kesponses to Hepatitis:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
CITY: San Francisco
CITY: San Francisco
COUNTRY: USA
ZIP: 94111-3834
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NATA:
APPLICATION NATHER: US/08/591,502B
FILING DATE: 20-May-1996
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 19; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                      COUNTER READABLE FORM:
MEDIUM TYBE: Diskette COMPUTER READABLE FORM:
MEDIUM TYBE: Diskette COMPUTER: Diskette COMPUTER: Diskette COMPUTER: Diskette COMPUTER: Diskette DOSTANING SYSTEM: DOS SOFTWARE: FRELSO for Windows Version 2.0 CURRENT APPLICATION NUMBER: US/08/159,339A FILING DATE: 29-NOV-1993 CLASSIFICATION: 424
RECORDATION: 424
RECORDATION NUMBER: US 07/926,666
FILING DATE: 05-MA-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 05-MA-1993
APPLICATION NUMBER: US 08/103,396
FILING DATE: 06-AUG-1993
APPLICATION NUMBER: 32.762
REPERRINGE/DOCKET NUMBER
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 ILRG 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-159-339A-324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-591-502B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                  US-US-49-49-450-4

Sequence 3, Application US/08469830

Patent No. 593224

GENERAL INFORMATION:
PEPTIDES OF INVENTION:
CORRESPONDENCE ADDRESS:
ADDRESSES:
ADDRESSES:
ADDRESSES:
ADDRESS:
ADDRESSES:
ADDRESS:
AD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

100.0%; Score 19; DB 2; Length 10;

Best Local Similarity 100.0%; Pred. No. 60;

Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VS-06-151-339A-324

/Sequence 324, Application US/08159339A

/Sequence 324, Application US/08159339A

/Sequence 324, Application US/08159339A

/Patent No. 6037135

/ APPLICANT: Kubo, Ralph T.

/ APPLICANT: Sette, Alessandro

/ APPLICANT: Sette, Alessandro

/ APPLICANT: Sette, Alessandro

/ APPLICANT: Celis, Esteban

/ TITLE OF INVENTION: Uses

// VUNENTION: Uses

// VORRESPONDENCE ADDESS:

// ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-469-830-3
```

Gape

;

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 19; DB 4; Length 10;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 4; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SIREET: 43.70 La JOLIA VILLAGE DILVE, SULCE TO CONTRY: United States
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURSINTALON NUMBER: US/08/526,710
FILING DATE: 11-SEP-195
CLASSIFICATION 1435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REPRENGING/DOCKET NUMBER: PLJ 1779
TELECOMMUNICATION INFORMATION:
TELEBHONE: (619) 535-5949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
FILING DATE: 26-AUG-1991

APPLICATION NUMBER: US 07/935,898
FILING DATE: 26-AUG-1993

FILING DATE: 02-AUG-1993

APPLICATION NUMBER: US 08/100,870

FILING DATE: 02-AUG-1993

APPLICATION NUMBER: US 08/100,870

FILING DATE: 01-AUG-1994

ATTORNY/AGENT INFORMATION:
NAME: Weber: Ellen Lauver

REGISTRATION NUMBER: 32.762

REFERENCE/COCKET NUMBER: 32.762

REPERENCE/COCKET NUMBER: 014740-000230US

TELEPRONE: (415) 576-0300

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: «Unknown»
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-08-591-502B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 8 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 ILRG 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
```

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                    0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Rucelahti, Erkki
APPLICANT: Pacqualini, Renata
TITLE OF INVENTION: Method of Identifying Molecules That
TITLE OF INVENTION: Method of Identifying Molecules That
TITLE OF INVENTION: Method of Identifying Molecules
TITLE OF INVENTION: Method of Identifying Molecules
TITLE OF INVENTION: Home to a Selected Organ In Vivo
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores Lip
CITY: San Diego
STATE: Galifornia
COUNTRY: United States
ZIFE 9122
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 3; Length 8; 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                0; Indels
                            Score 18; DB 1;
Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

94.7%; Score 18; DB

Best Local Similarity 75.0%; Pred. No. 3e+0

Matches 3; Conservative 1; Mismatches
                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
US-09-226-985-4
; Sequence 4, Application US/09226985
; Patent No. 6296832
; GENERAL INFORMATION:
APPLICANT: Ruoslahti, Erkki
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/08862855; Patent No. 6068829
GENERAL INFORMATION:
                                94.7%;
75.0%;
Query Match
Best Local Similarity 75.0
Best Local 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , MOLECULE TYPE: peptide US-08-862-855-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                     1 ILRG 4
                                                                                                                                                                                                                                                                                                                                          RESULT 14
US-08-862-855-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ò
                                                                                                                                                                        ઠે
                                                                                                                                                                                                                                     a
```

Length 8;

US-08-526-710-4

APPLICATION NUMBER: US 07/749,540

```
8 14:45:27 2004
Tue Jun
```

us-09-674-436e-2.rai

```
APPLICANT: Pasqualini, Renata
NUMBER OF ENGINEES:
CORRESSENDENCES.
ADDRESSES:
ADDRESSES:
ADDRESSES:
ADDRESSES:
CONTY: San Diego
STREET:
A370 La Jolla Village Drive, Suite 700
STREET:
CALIfornia
CONTY: United States
CONTY: United States
CONTY: United States
CONTY: CALIfornia
CONTY: CALIfornia
CONTY: CALIfornia
CONTY: CALIfornia
CONTY: CALIfornia
CONTY: Diego
STREET: Papp disk
CONFOTER: Tab PC Compatible
CONFOTER: Tab PC COMPATIBLE FORM:
CONFOTER: Tab PC COMPATIBLE TOWN
APPLICATION NUMBER: US 08/526,710
FILING DATE: 10-MAR-1997
PFILING DATE: 10-MAR-1997
PFILING DATE: 23-MAR-1997
PFILING DATE: 23-MAR
```

Search completed: June 8, 2004, 02:36:07 Job time: 13.4444 secs

ö

Query Match 94.7%; Score 18; DB 3; Length 8; Best Local Similarity 75.0%; Pred. No. 3e+05; Matches 3; Conservative 1; Mismatches 0; Indels

:||| 2 VLRG 5 1 ILRG 4